


Quality Control and Diagnostics Solutions



TRUSTED PARTNER AND
WORLDWIDE SUPPLIER
TO THE DIAGNOSTIC TESTING
INDUSTRY FOR OVER 30 YEARS

HOW TO ORDER

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When contacting SeraCare Technical Support, please be ready to provide all relevant information to help us answer your questions.

Online Information Library – www.seracare.com

To quickly and easily search, view, and download product information, package inserts, and data sheets on-demand, visit www.seracare.com.

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CONTROLS AND REFERENCE MATERIALS

The modern medical system relies on quick, accurate results to enable optimal patient care. We understand the demanding environment that laboratories navigate and have been providing innovative QC tools you can rely on for over 30 years. From serology to molecular and next-generation sequencing technologies, we have the solutions you need for a higher level of confidence in your results.

ACCURUN® CONTROLS AND REFERENCE MATERIALS

ACCURUN Controls and Reference Materials have long been trusted sources of reliable and consistent QC material. Laboratories all over the world rely on ACCURUN Controls and Reference Materials as essential parts of their QC program to monitor assay performance and to ensure that they're always inspection-ready. ACCURUN Controls and Reference Materials are reliably available and consistent lot-to-lot. Spend time on QC testing, not on tracking down QC samples.

- Low-level positivity effectively challenges your assay to help avoid false positives, false negatives, and costly repeats
- Troubleshoots your test methods and identifies trends before they become a problem
- Detects system errors and aids in the review of suspect patient results
- Derived from human plasma, resembles natural patient samples
- Helps you meet compliance requirements from regulatory agencies
- US IVD, cleared, CE marked, HC licensed, and RUO materials available

ACCURUN SEROLOGY CONTROLS

ACCURUN Serology Controls are naturally derived external controls that effectively challenge your laboratory's serology assays because of their low-level reactivity and lot-to-lot consistency.

- Available in platform-specific configurations to appropriately challenge the unique cut-offs and sensitivities of different instruments
- Multi-analyte or single-analyte formats provides you with the ability to customize the most efficient and cost-effective combination for your lab

ACCURUN MULTI-ANALYTE POSITIVE SEROLOGY CONTROLS

Material #	Product Name	Analytes	# Vials x Fill Size	Regulatory Status
Multiple formulations	ACCURUN 1	Multiple formulations	Multiple formulations	IVD, CE, HC
2000-0023	ACCURUN 2 Series 2700	Anti-HIV, anti-HIV 2, anti-HCV, anti-HBc, anti-HTLV I, anti-HTLV II, anti-CMV, HBsAg, anti- <i>Treponema pallidum</i>	6 x 3.5 mL	CE, HC
2000-0024	ACCURUN 2 Series 2700	Anti-HIV, anti-HIV 2, anti-HCV, anti-HBc, anti-HTLV I, anti-HTLV II, anti-CMV, HBsAg, anti- <i>Treponema pallidum</i>	3 x 1.0 mL	CE
2000-0028	ACCURUN 21 Series 1000	Anti-HIV 1, anti-HIV 2, anti-HCV, anti-HBc, anti-HAV, HBsAg	6 x 3.5 mL	RUO, CE, HC
2000-0031	ACCURUN 21 Series 2000	Anti-HIV 1, anti-HIV 2, anti-HCV, anti-HBc, anti-HAV, HBsAg	6 x 3.5 mL	RUO, CE, HC
2000-0032	ACCURUN 24 Confirmatory Control	Anti-HIV 1, anti-HIV 2, anti-HCV, anti-HTLV I	3 x 1.0 mL	IVD, HC
2000-0034	ACCURUN 25 ToRCH IgG Positive Control	Anti-Toxoplasma IgG, anti-rubella IgG, anti-CMV IgG, anti-HSV IgG	3 x 1.0 mL	IVD, CE, HC
2000-0035	ACCURUN 25 ToRCH IgM Positive Control	Anti-Toxoplasma IgM, anti-rubella IgM, anti-CMV IgM	3 x 1.0 mL	IVD, CE, HC
2000-0037	ACCURUN 30	EBV VCA IgG, EBNA IgG	3 x 1.0 mL	IVD, CE, HC
2000-0039	ACCURUN 40	Anti-measles, anti-mumps, anti-rubella, anti-VZV	3 x 1.0 mL	IVD, CE, HC
2000-0040	ACCURUN 51	HBeAg, HBc IgM, HAV IgM	1 x 5.0 mL	IVD, CE, HC
2000-0041			6 x 3.5 mL	
2000-0043	ACCURUN 52	Anti-HBe, anti-HBs, anti-HAV	6 x 3.5 mL	IVD CE, HC

ACCURUN SINGLE-ANALYTE POSITIVE SEROLOGY CONTROLS

Material #	Product Name	Analytes	# Vials x Fill Size	Regulatory Status
2015-0065	ACCURUN 106	HIV 1 Ag	3 x 5.0 mL	IVD, CE, HC
2015-0066			12 x 3.5 mL	
2015-0068	ACCURUN 113	HBc IgM	1 x 5.0 mL	IVD, CE, HC
2015-0070	ACCURUN 115	Anti-HBc	1 x 5.0 mL	IVD, CE, HC
2015-0071	ACCURUN 117	HBeAg	1 x 5.0 mL	IVD, CE
2015-0072	ACCURUN 119	Anti-HBe	1 x 5.0 mL	IVD, CE
2015-0073	ACCURUN 120	HAV IgG	1 x 5.0 mL	IVD, CE, HC
2015-0074	ACCURUN 121	HAV IgM	1 x 5.0 mL	IVD, CE, HC
2015-0076			6 x 3.5 mL	
2015-0077	ACCURUN 125	Anti-HBs	1 x 5.0 mL	IVD, CE, HC
2015-0078			6 x 3.5 mL	
2015-0079	ACCURUN 127	Anti-hepatitis delta	1 x 1.0 mL	IVD, CE
2015-0080	ACCURUN 130	Lyme IgG	1 x 1.0 mL	IVD, CE, HC
2015-0081	ACCURUN 132	Lyme IgM	1 x 1.0 mL	IVD, CE, HC
2015-0082	ACCURUN 135	Toxo IgG	1 x 1.0 mL	IVD, CE, HC
2015-0083	ACCURUN 136	Toxo IgM	1 x 1.0 mL	IVD, CE, HC
2015-0084	ACCURUN 140	Rubella IgG	1 x 5.0 mL	IVD, CE, HC
2015-0086	ACCURUN 141	Rubella IgM	1 x 1.0 mL	IVD, CE, HC
2015-0087	ACCURUN 145	CMV IgG	1 x 1.0 mL	IVD, CE, HC
2015-0088	ACCURUN 146	CMV IgM	1 x 1.0 mL	IVD, CE, HC
2015-0090	ACCURUN 155 Series 2000	Syphilis (anti- <i>Treponema pallidum</i>)	3 x 2.0 mL	IVD, CE, HC
2015-0092	ACCURUN 155 Series 5000	Syphilis (anti- <i>Treponema pallidum</i>)	12 x 3.5 mL	IVD, CE, HC
2015-0093			3 x 2.0 mL	
2015-0094	ACCURUN 156	Syphilis (RPR)	3 x 1.0 mL	IVD, CE, HC
2015-0097	ACCURUN 190	Anti- <i>Trypanosoma cruzi</i> (Chagas)	6 x 3.5 mL	IVD, CE
2000-0038	ACCURUN 31	EBV VCA IgM	3 x 1.0 mL	IVD, CE, HC

ACCURUN NEGATIVE SEROLOGY CONTROLS

Material #	Product Name	Analytes	# Vials x Fill Size	Regulatory Status
2010-0013	ACCURUN 1	Negative for anti-HIV 1, anti-HIV 2, anti-HCV, anti-HBc, anti-HTLV I, anti-HTLV II, anti-CMV, HBsAg, HIV 1 Ag, anti- <i>Treponema pallidum</i>	1 x 5.0 mL	IVD, CE, HC
2010-0015			12 x 3.5 mL	
2010-0018	ACCURUN 800 ToRCH Negative Control	Negative for anti-Toxoplasma, anti-rubella, anti-CMV, anti-HSV	1 x 1.0 mL	IVD, CE, HC
2010-0020	ACCURUN 810	Negative for HBsAg, HBeAg, anti-HIV 1, anti-HIV 2, anti-HAV, HAV IgM, anti-HBs, anti-HBc, HBc IgM, anti-HBe, anti-CMV, anti-HCV, anti-HTLV I, anti-HTLV II, anti- <i>Treponema pallidum</i> , syphilis RPR, Lyme IgG, Lyme IgM	6 x 3.5 mL	IVD, CE, HC

ACCURUN MOLECULAR CONTROLS

ACCURUN Molecular Controls are instrument-specific external controls that thoroughly challenge your assays by monitoring the entire molecular workflow from extraction to detection.

- Mimics a patient sample by containing whole cells or whole organisms in an appropriate matrix
- Controls for viral load assays are offered in multiple concentrations to help detect issues with assay deterioration more effectively

ACCURUN POSITIVE MOLECULAR CONTROLS

Material #	Product Name	Analytes	# Vials x Fill Size	Regulatory Status
2020-0080	ACCURUN 305 Series 100	HCV RNA	5 x 1.0 mL	IVD, CE, HC
2020-0078	ACCURUN 305 Series 150	HCV RNA	10 x 1.0 mL	IVD, CE, HC
2020-0083	ACCURUN 305 Series 300	HCV RNA	5 x 1.0 mL	IVD, CE, HC
2020-0085	ACCURUN 305 Series 400	HCV RNA	5 x 4.0 mL	IVD, CE, HC
2020-0087	ACCURUN 315 Series 150	HIV RNA	10 x 1.2 mL	IVD, CE, HC
2020-0090	ACCURUN 315 Series 200	HIV RNA	5 x 1.0 mL	IVD, CE, HC
2020-0092	ACCURUN 315 Series 400	HIV RNA	5 x 1.0 mL	IVD, CE, HC
2020-0096	ACCURUN 325 Series 200	HBV DNA	5 x 4.0 mL	IVD, CE
2020-0095	ACCURUN 325 Series 370	HBV DNA	5 x 0.6 mL	IVD
2020-0098	ACCURUN 325 Series 700	HBV DNA	5 x 4.0 mL	IVD, CE
2025-0067	ACCURUN 342 Series 100	Ct/Ng nucleic acid	10 x 1.0 mL	IVD, CE
2025-0068	ACCURUN 342 Series 700	Ct/Ng nucleic acid	10 x 1.0 mL	IVD, CE
2020-0104	ACCURUN 345 Series 150	HIV 1 RNA, HCV RNA, HBV DNA	5 x 1.0 mL	IVD, CE, HC
2020-0105			5 x 4.0 mL	
2025-0037	ACCURUN 372 Series 400	HPV DNA	10 x 0.8 mL cell 10 x 2.0 mL diluent	IVD, CE
2025-0041	ACCURUN 372 Series 600	HPV DNA	10 x 0.8 mL cell 10 x 2.0 mL diluent	IVD, CE
2025-0043	ACCURUN 378	HPV DNA	20 x 4.0 mL	IVD, CE, HC
2025-0060	ACCURUN 381	HPV mRNA	20 x 1.0 mL	IVD, CE
2050-0008	ACCURUN 501	<i>C. diff</i> - 4 unique strains	4 x 0.6 mL	IVD, CE

ACCURUN NEGATIVE MOLECULAR CONTROLS

Material #	Product Name	Analytes	# Vials x Fill Size	Regulatory Status
2035-0007	ACCURUN 803	Negative for HIV 1 RNA, HCV RNA, HBV DNA	10 x 1.2 mL	IVD, CE, HC
2025-0061	ACCURUN 841	Negative for Ct/Ng	10 x 1.0 mL	IVD, CE
2035-0009	ACCURUN 872	HPV DNA negative control	10 x 1.0 mL cell suspension 10 x 1.0 mL diluent	IVD, CE
2035-0005	ACCURUN 873	HPV DNA negative control	10 x 1.0 mL cell suspension 10 x 1.0 mL diluent	IVD, CE, HC

ACCURUN SEROLOGY REFERENCE MATERIALS

ACCURUN Serology Reference Materials are naturally derived, weakly reactive reference materials to help challenge your serology assays and provide additional confidence in your test results.

- Platform-specific to account for different instruments' unique cut-offs and sensitivities
- Multiple analytes in a single vial for cost-effectiveness
- Material is treated just like a patient sample, eliminating workflow interruptions

For research use only, not for use in diagnostic procedures.

ACCURUN POSITIVE SEROLOGY REFERENCE MATERIALS

Material #	Product Name	Analytes	# Vials x Fill Size	Regulatory Status
2000-0027	ACCURUN 21 Series 1000	Anti-HIV 1, anti-HIV 2, anti-HCV, anti-HBc, anti-HAV, HBsAg	6 x 3.5 mL	RUO
2000-0030	ACCURUN 21 Series 2000	Anti-HIV 1, anti-HIV 2, anti-HCV, anti-HBc, anti-HAV, HBsAg	6 x 3.5 mL	RUO
2020-0086	ACCURUN 306 Series 500	HCV RNA	10 x 0.5 mL	RUO

ACCURUN MOLECULAR REFERENCE MATERIALS

ACCURUN Molecular Reference Materials are positive and negative reference materials for hard-to-find analytes that help you challenge all aspects of your molecular test methods for a higher level of confidence in your results. Available in multiple concentrations for viral load assays.

- Multiplexed to decrease the number of reference materials needed, improve error detection, and reduce cost
- Whole-process reference materials mimic patient samples by containing whole organisms in an appropriate matrix
- Reliable, stable, consistent supply so you don't devote resources to tracking down rare specimens for QC testing
- The only commercially available molecular reference materials for transplant virus assays

For research use only, not for use in diagnostic procedures.

ACCURUN POSITIVE MOLECULAR REFERENCE MATERIALS

Material #	Product Name	Analytes	# Vials x Fill Size	Regulatory Status
2040-0038	ACCURUN 611	Factor II, factor V and MTHFR	20 x 10.0 µL	RUO
2040-0011	ACCURUN 632	Cystic fibrosis	1 x 100.0 µL	RUO
2040-0015	ACCURUN 644	Cystic fibrosis	1 x 100.0 µL	RUO
2040-0009	ACCURUN 676	Cystic fibrosis	1 x 100.0 µL	RUO

ACCURUN TRANSPLANT VIRUS MOLECULAR REFERENCE MATERIALS

Material #	Product Name	Analytes	# Vials x Fill Size	Regulatory Status
2410-0307	ACCURUN 410	Adenovirus	4 x 1.0 mL	RUO
2410-0254	ACCURUN 420	BK virus	4 x 1.0 mL	RUO
2410-0255	ACCURUN 430	EBV	4 x 1.0 mL	RUO
2410-0257	ACCURUN 440	HSV-1	4 x 1.0 mL	RUO
2410-0258	ACCURUN 445	HSV-2	4 x 1.0 mL	RUO
2410-0259	ACCURUN 450	JCV	4 x 1.0 mL	RUO
2410-0260	ACCURUN 460	VZV	4 x 1.0 mL	RUO

ACCUPLEX™ RECOMBINANT MOLECULAR REFERENCE MATERIALS

SeraCare's AccuPlex recombinant viral technology provides assay developers, clinical laboratories, and public health agencies with a powerful tool to fast-track the development, validation, and implementation of molecular tests against pathogenic viruses.

AccuPlex Reference Materials are constructed with a replication-deficient mammalian virus (RNA or DNA). With a protein coat and lipid bilayer, these mammalian virus-based reference materials resemble the complexity of virus targets found in patient samples.

- Non-infectious material for end-user safety
- Fully extractable with a real viral protein coat to serve as a full-process assay control
- Compatible with RT-PCR and NGS-based assays
- Accepts multiple sequences from same or different RNA viruses
- Can be custom-built to your specifications

For research use only, not for use in diagnostic procedures.

ACCUPLEX RECOMBINANT MOLECULAR REFERENCE MATERIALS

Material #	Product Name	# Vials x Fill Size	Regulatory Status
0505-0029	AccuPlex Zika Reference Material	1 x 0.25 mL	RUO
0505-0006	AccuPlex Chikungunya Reference Material	Contact us for more information	RUO
0505-0007	AccuPlex Dengue-2 Reference Material	Contact us for more information	RUO
0505-0008	AccuPlex MERS Reference Material	Contact us for more information	RUO
0505-0009	AccuPlex Norovirus Reference Material	Contact us for more information	RUO
0505-0001	AccuPlex rEbola GP/NP Reference Material	5 x 0.25 mL	RUO

SERASEQ™ REFERENCE MATERIALS FOR NEXT-GENERATION SEQUENCING

High-throughput NGS has provided new tools for oncology, reproductive, and infectious disease precision medicine. Yet without ground-truth standard materials, variability introduced by slight changes in the process workflow can negatively impact the assay result and its interpretation. SeraCare has developed highly multiplexed reference standards to help develop NGS assays and provide confidence in critical results.

Serseq Reference Materials are developed using engineered cell lines and biosynthetic DNA targets. Biosynthetic DNAs containing mutations of interest are quantified using highly accurate digital PCR methodology, and introduced at an exact ratio against a single, well-characterized human genomic DNA background. Through the use of these components, individual allele frequency or fetal fraction percentages can be adjusted to a given, commonly accepted limit of detection or rapidly customized to meet client requirements.

- Full-process reference material mimics a true clinical sample and reveals variation in upstream processes such as nucleic acid extraction
- Quantitation by highly sensitive digital PCR ensures accuracy of ground-truth claims
- Manufactured material saves time and costs to source, characterize, expand, maintain, blend, and document cell lines carrying target analytes

For research use only, not for use in diagnostic procedures.

SERASEQ ONCOLOGY REFERENCE MATERIALS

Material #	Product Name	# Vials x Fill Size	Regulatory Status
0710-0012	Serseq Circulating Tumor DNA-I Reference Material (AF5)	1 x 5.0 mL (12.0 ng/mL per vial)	RUO
0710-0014	Serseq Circulating Tumor DNA-I Reference Material (AF1.2)	1 x 5.0 mL (12.0 ng/mL per vial)	RUO
0710-0015	Serseq Circulating Tumor DNA-I Reference Material (AF0.6)	1 x 5.0 mL (12.0 ng/mL per vial)	RUO
0710-0016	Serseq Circulating Tumor DNA-I Reference Material (AF0.1)	1 x 5.0 mL (12.0 ng/mL per vial)	RUO
0710-0017	Serseq Circulating Tumor DNA-I Reference Material (WT)	1 x 5.0 mL (12.0 ng/mL per vial)	RUO
0710-0018	Serseq Circulating Tumor DNA-I Mutation Mix Kit (AF5-WT)	5 x 12.0 µL (25.0 ng/µL per vial)	RUO
1600-0098	Serseq Solid Tumor Mutation Mix-I (AF20)	1 x 25 µL (25 ng/µL per vial)	RUO
0710-0001	Serseq Solid Tumor Mutation Mix-I (AF1-10)	5 x 12.0 µL (25.0 ng/µL per vial)	RUO
0710-0075 ^a	Serseq Tumor Mutation DNA Mix v2 (AF10) HC	1 x 25.0 µL (25.0 ng/µL per vial)	RUO
0710-0074	Serseq Tumor Mutation DNA Mix v2 (AF10) LC	1 x 25.0 µL (5.0 ng/µL per vial)	RUO
0710-0073 ^b	Serseq Tumor Mutation DNA Mix v2 (AF7) HC	1 x 25.0 µL (25.0 ng/µL per vial)	RUO
0710-0072	Serseq Tumor Mutation DNA Mix v2 (AF7) LC	1 x 25.0 µL (5.0 ng/µL per vial)	RUO
0710-0071 ^c	Serseq Tumor Mutation DNA Mix v2 (AF4) HC	1 x 25.0 µL (25.0 ng/µL per vial)	RUO
0710-0070	Serseq Tumor Mutation DNA Mix v2 (AF4) LC	1 x 25.0 µL (5.0 ng/µL per vial)	RUO
0710-0076	Serseq Tri-Level Tumor Mutation DNA Mix v2 LC	1 x 25.0 µL (5.0 ng/µL per vial)	RUO
0710-0077 ^d	Serseq Tri-Level Tumor Mutation DNA Mix v2 HC	1 x 25.0 µL (25.0 ng/µL per vial)	RUO
0710-0010	Serseq FFPE Tumor Fusion RNA Reference Material v1	1 x 1 FFPE curl per vial	RUO

^a 0710-0094 material # for this product beginning 9/2016

^b 0710-0095 material # for this product beginning 9/2016

^c 0910-0096 material # for this product beginning 9/2016

^d 0710-0097 material # for this product beginning 9/2016

SERASEQ REPRODUCTIVE HEALTH REFERENCE MATERIALS

Material #	Product Name	# Vials x Fill Size	Regulatory Status
0720-0002	Seraseq Trisomy 21, 18 and 13 Multi-Analyte Aneuploidy Reference Material (12% fetal fraction each)	1 x 1.0 mL (20.0 ng per vial)	RUO
0720-0017	Seraseq Trisomy 13 Aneuploidy Reference Material (12% fetal fraction)	1 x 1.0 mL (20.0 ng per vial)	RUO
0720-0018	Seraseq Trisomy 18 Aneuploidy Reference Material (12% fetal fraction)	1 x 1.0 mL (20.0 ng per vial)	RUO
0720-0019	Seraseq Trisomy 21 Aneuploidy Reference Material (12% fetal fraction)	1 x 1.0 mL (20.0 ng per vial)	RUO
0720-0020	Seraseq Aneuploidy Negative (Euploid) Reference Material	1 x 1.0 mL (20.0 ng per vial)	RUO
0720-0052	Seraseq Trisomy 21 Aneuploidy Linearity Panel (1%, 2%, 4% and 8% fetal fraction)	4 x 1.0 mL (20.0 ng per vial)	RUO

SERASEQ INFECTIOUS DISEASE REFERENCE MATERIALS

Material #	Product Name	# Vials x Fill Size	Regulatory Status
0740-0017	Seraseq HIV-1 Drug Resistance and Tropism Reference Material (1%, 5% and 20% mutant frequency)	3 x 1.0 mL (5.0E+04 viral copies/mL)	RUO
0740-0001	Seraseq HIV-1 BK132-B Reference Material	1 x 1.0 mL	RUO
0740-0002	Seraseq HIV-1 93/US/144-B Reference Material	1 x 1.0 mL	RUO
0740-0003	Seraseq HIV-1 CM237-B Reference Material	1 x 1.0 mL	RUO
0740-0004	Seraseq HIV-1 US1-B Reference Material	1 x 1.0 mL	RUO
0740-0005	Seraseq HIV-1 93/US/143-B Reference Material	1 x 1.0 mL	RUO
0740-0006	Seraseq HIV-1 93/US/141-B Reference Material	1 x 1.0 mL	RUO
0740-0007	Seraseq HIV-1 I-2496-CRF02_AG Reference Material	1 x 1.0 mL	RUO
0740-0008	Seraseq HIV-1 CM235-CRF01_AE Reference Material	1 x 1.0 mL	RUO
0740-0009	Seraseq HIV-1 7388-B Reference Material	1 x 1.0 mL	RUO
0740-0010	Seraseq HIV-1 7384-B Reference Material	1 x 1.0 mL	RUO
0740-0011	Seraseq HIV-1 2529-B Reference Material	1 x 1.0 mL	RUO
0740-0012	Seraseq HIV-1 2808-B Reference Material	1 x 1.0 mL	RUO

SERASEQ INHERITED DISEASE REFERENCE MATERIALS

Material #	Product Name	# Vials x Fill Size	Regulatory Status
0740-0021	Seraseq Cardiomyopathy Reference Material	1 x 200.0 µL (50.0 ng/µL per vial)	RUO

We routinely introduce new and updated Seraseq products. Visit www.seracare.com for the latest products and information.

VALIDATION AND LOT QUALIFICATION MATERIALS

Whether you need to verify new reagent lot performance or validate an assay or instrument, you can rely on the quality and consistency of our materials. Clinical laboratories and IVD developers alike depend on our products to develop, challenge, monitor, and troubleshoot their serology and molecular assays.

ACCUSPAN™ LINEARITY PANELS

AccuSpan Linearity Panels are infectious disease, nucleic acid linearity panels that span the dynamic range of your assays. Built with comprehensive data sets, they help you effectively validate new assays and perform linearity studies.

- Calibrated against international standards, including the WHO standards
- Composed of serial dilutions of cultured virus or naturally occurring virus with established reactivity
- Evaluates the analytical test kit sensitivity for quantitative assays

For research use only, not for use in diagnostic procedures.

ACCUSPAN LINEARITY PANELS

Material #	Product Name	# Members	Fill Size (mL)
2410-0162	HBV DNA Linearity Panel	9	1.2
2410-0166	HCV RNA Linearity Panel	8	1.2
2410-0174	CMV DNA Linearity Panel	9	2.0
2410-0200	HIV-1 Ag Linearity Panel	7	1.2
2410-0221	HIV-1 RNA Linearity Panel	9	1.2

ACCUTRAK™ QUALIFICATION PANELS

AccuTrak Qualification Panels are designed to deliver the consistent results you need to gain confidence in your assay performance and ensure reagents are operating effectively lot-to-lot. AccuTrak Qualification Panels contain a minimum of five members with varied concentrations.

- Challenges, validates, and monitors new reagent lot performance
- Prevents failed runs by intercepting problem kits affected by shipping and/or storage
- Used for training and evaluating personnel performance on new and existing equipment

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ACCUTRAK QUALIFICATION PANELS

Material #	Product Name	# Members	Fill Size (mL)
2400-0140	HIV RNA/HCV RNA/HBV DNA Qualification Panel	5	4.0
2400-0141	HBsAg Qualification Panel	6	2.0
2400-0145	Anti-HBc Qualification Panel	6	2.0
2400-0148	Anti-HCV Qualification Panel TQS	6	1.0
2400-0158	HIV 1/2/O/p24 Qualification Panel	6	3.5
2400-0160	Anti-HIV 1/2 Qualification Panel	6	1.0
2400-0161	HPV DNA Genotype Qualification Panel	25	4.0
2400-0163	Syphilis Qualification Panel	6	2.0
2400-0164	Anti-CMV Qualification Panel	6	3.0
2400-0181	Anti-HTLV I/II Qualification Panel	6	3.5
2400-0201	CMV DNA Qualification Panel	9	2.0

ACCUVERT™ SEROCONVERSION PANELS

AccuVert Seroconversion Panels are developed using undiluted plasma collected from a single individual during the development of an infection and subsequent immune response. Diagnostics manufacturers worldwide have trusted AccuVert Seroconversion Panels for over 25 years for the development and validation of their assays.

- Each panel is highly characterized on a variety of commercially available assays
- Ideal for benchmarking your assay against other kits during development or improvement cycles
- The World Health Organization (WHO) has listed AccuVert HIV Seroconversion Panels in comparative studies for HIV assay evaluations

For research use only, not for use in diagnostic procedures.

▲ = converts negative to positive	▽ = converts positive to negative	◆ = variable conversion	ND = no data available
○ = all members negative	● = all members positive	◻ = members negative or indeterminate	

HIV

Material #	Reference #	Product Name	# Members	Fill Size (mL)	HIV-1 RNA	HIV-1 p24 Ag	HIV-1/2 Ab
0600-0203	PRB914-00-1.0	HIV-1 Seroconversion Panel N	5	1.0	ND	▲	●
0600-0226	PRB945-00-1.0	HIV-1 Seroconversion Panel AU	6	1.0	●	▲	▲
0600-0227	PRB946-00-1.0	HIV-1 Seroconversion Panel AV	4	1.0	▲	▲	○
0600-0264	PRB947-1.2	HIV-1 Seroconversion Panel	4	1.2	●	◆	▲
0600-0230	PRB949(M)-1.0	HIV-1 Seroconversion Panel AY Modified	4	1.0	▲	▲	○
0600-0232	PRB950-00-1.0	HIV-1 Seroconversion Panel AZ	4	1.0	▲	▲	▲
0600-0237	PRB953-00-1.0	HIV-1 Seroconversion Panel BC	4	1.0	●	▲	▲
0600-0238	PRB954-1.0	HIV-1 Seroconversion Panel BD	7	1.0	▲	▲	▲
0600-0239	PRB955-1.0	HIV-1 Seroconversion Panel BE	5	1.0	●	▲	▲
0600-0240	PRB956-1.0	HIV-1 Seroconversion Panel BF	5	1.0	▲	▲	▲
0600-0265	PRB960-1.0	HIV-1 Seroconversion Panel	9	1.0	▲	▲	○
0600-0243	PRB961-1.0	HIV-1 Seroconversion Panel	9	1.0	▲	▲	○
0600-0244	PRB962-1.0	HIV-1 Seroconversion Panel	6	1.0	▲	▲	○
0600-0245	PRB963-1.0	HIV-1 Seroconversion Panel	7	1.0	▲	▲	◻
0600-0246	PRB964-1.0	HIV-1 Seroconversion Panel	6	1.0	▲	▲	○
0600-0248	PRB966-1.0	HIV-1 Seroconversion Panel	10	1.0	▲	▲	ND
0600-0249	PRB967-1.0	HIV-1 Seroconversion Panel	6	1.0	▲	▲	▲
0600-0250	PRB968-1.0	HIV-1 Seroconversion Panel	10	1.0	▲	▲	▲
0600-0251	PRB969-1.0	HIV-1 Seroconversion Panel	10	1.0	▲	▲	▲
0600-0252	PRB970-1.0	HIV-1 Seroconversion Panel	4	1.0	●	●	▲
0600-0253	PRB971-1.0	HIV-1 Seroconversion Panel	4	1.0	●	▲	▲
0600-0256	PRB973-1.2	HIV-1 Seroconversion Panel	4	1.2	●	▲	▲
0600-0258	PRB974-1.2	HIV-1 Seroconversion Panel	4	1.2	▲	▲	◻
0600-0260	PRB975-1.2	HIV-1 Seroconversion Panel	5	1.2	●	▲	○
0600-0261	PRB976-1.2	HIV-1 Seroconversion Panel	4	1.2	●	▲	▲
0600-0262	PRB977-1.2	HIV-1 Seroconversion Panel	4	1.2	●	▲	▲
0600-0263	PRB978-1.2	HIV-1 Seroconversion Panel	7	1.2	▲	▲	○

HBV

Material #	Reference #	Product Name	# Members	Fill Size (mL)	HBV DNA	HBsAg	HBcAg	HBc IgM Ab	HBc Total Ab	HBc Ab	HBs Ab
0605-0017	PHM906-00-1.5	HBV Seroconversion Panel	5	1.5	▲	▲	○	○	○	○	○
0605-0026	PHM921-00-1.5	HBV Seroconversion Panel	6	1.5	●	●	▲	○	○	○	○
0605-0028	PHM926-00-1.5	HBV Seroconversion Panel	8	1.5	●	▲	ND	ND	ND	ND	ND
0605-0038	PHM936-1.5	HBV Seroconversion Panel	8	1.5	●	●	▲	○	○	ND	ND
0605-0039	PHM937-1.5	HBV Seroconversion Panel	5	1.5	●	▲	○	○	○	○	○
0605-0041	PHM939-1.5	HBV Seroconversion Panel	5	1.5	●	▲	▲	○	○	○	○
0605-0059	PHM940-1.5	HBV Seroconversion Panel	8	1.5	●	▲	○	○	○	○	○
0605-0060	PHM941-1.5	HBV Seroconversion Panel	9	1.5	●	▲	▲	▲	▲	○	○

HCV

Material #	Reference #	Product Name	# Members	Fill Size (mL)	HCV RNA	HCV Ab (EIA)	HCV Ab RIBA
0610-0210	PHV913-00-1.0	HCV Seroconversion Panel	4	1.0	●	▲	□
0610-0212	PHV915-00-1.0	HCV Seroconversion Panel	4	1.0	●	▲	□
0610-0214	PHV917-1.0(M)	HCV Seroconversion Panel	9	1.0	◆	▲	▲
0610-0217	PHV919-1.0	HCV Seroconversion Panel	7	1.0	▲	▲	▲
0610-0218	PHV920(M)-1.0	HCV Seroconversion Panel Modified	9	1.0	▽	▲	▲
0610-0221	PHV922-1.2	HCV Seroconversion Panel	6	1.2	●	▲	□
0610-0223	PHV924-1.2	HCV Seroconversion Panel	6	1.2	●	▲	▲
0610-0224	PHV925-1.2	HCV Seroconversion Panel	5	1.2	●	▲	▲
0610-0225	PHV926-1.2	HCV Seroconversion Panel	5	1.2	●	▲	□
0610-0293	PHV927-1.2	HCV Seroconversion Panel	5	1.2	▲	○	○
0610-0294	PHV928-1.2	HCV Seroconversion Panel	9	1.2	▲	○	○
0610-0295	PHV929-1.2	HCV Seroconversion Panel	6	1.2	▲	○	○

OTHER DISEASES

Material #	Reference #	Product Name	# Members	Fill Size (mL)
0615-0017	PSS901-1.2	Syphilis Seroconversion Panel	9	1.2
0615-0016	PHT903-1.0	HAV Seroconversion Panel	10	1.0
0615-0026	0615-0026	HAV Seroconversion Panel	8	1.2
0615-0038	0615-0038	Chagas (<i>T. cruzi</i>) Seroconversion Panel	10	1.2
0615-0039	0615-0039	CMV Seroconversion Panel	4	1.2
0820-0187	PWN901-1.5	West Nile Virus (WNV) Seroconversion Panel	5	1.5

ACCUSET™ PERFORMANCE PANELS

Available for use with serological and molecular assays, AccuSet Performance Panels contain thoroughly characterized, raw, undiluted plasma* collected from different donors. They're well-suited to evaluating and validating new test methods and equipment, demonstrating lab proficiency, and training lab personnel.

- Comprehensive, comparative data sheets enable you to independently assess kit performance, sensitivity, and specificity
- Panel analytes (nucleic acid, antigen, and/or antibody) are thoroughly evaluated, providing you with the ability to benchmark your assay against other industry kit developers
- Low-titer, mixed-titer, early infection, and genotype panels are offered

<p>Low titer panels</p> <ul style="list-style-type: none"> • Patient specimens representing both negative and low reactivity ranges • Challenges cut-off ranges and evaluates assay limitations 	<p>Mixed titer panels</p> <ul style="list-style-type: none"> • Patient specimens covering a broad reactivity range (low, medium, high) • Evaluates assay performance and compares test methods.
<p>Early infection panels</p> <ul style="list-style-type: none"> • Patient specimens which demonstrate characteristics of an early infection based on the reactivity profile • Challenges lower limits of detection 	<p>Genotype panels</p> <ul style="list-style-type: none"> • Patient specimens collected worldwide, providing a diverse range of genotypes and subtypes • Designed to ensure assay detection across genotypes

For research use only, not for use in diagnostic procedures

HIV

Material #	Reference #	Product Name	# Members	Fill Size (mL)
0800-0248	PRB601-1.0	HIV-1 Incidence/Prevalence Performance Panel	15	1.0
0800-0249	PRD201-1.2	HIV-1 Genotype Performance Panel	9	1.2
0800-0251	PRD250-1.0	HIV Drug Resistance Teragenix Performance Panel	10	1.0
0800-0262	PRD302-1.2	HIV-1 Group O Performance Panel	5	1.2
0800-0297	0800-0297	HIV-1 Early Infection Performance Panel	23	1.2
0800-0301	PRB109(M)	HIV-1 Low Titer Antibody Performance Panel Modified	16	1.0
0800-0303	PRB205-1.0 (M2)	HIV-1 Mixed Titer Antibody Panel Modified	17	1.0
0800-0315	0800-0315	HIV-1 RNA EDTA Plasma Performance Panel	12	1.2
0800-0331	0800-0331	HIV-1/2 Mixed Titer Antibody Performance Panel	15	1.2
0800-0343	0800-0343	HIV-2 Mixed Titer Antibody Performance Panel	9	1.2

*Contains raw, undiluted plasma unless otherwise noted

HEPATITIS (HAV, HBV, HCV)

Material #	Reference #	Product Name	# Members	Fill Size (mL)
0820-0167	PHT202-1.2	HAV Mixed Titer Antibody Performance Panel	21	1.2
0805-0216	PHE203(M)	HBc IgM Mixed Titer Antibody Performance Panel Modified	22	1.0
0805-0217	PHA207(M)	HBsAg Mixed Titer Performance Panel Modified	20	1.5
0805-0218	PHG204	Anti-HBc/Anti-HBs Mixed Titer Antibody Performance Panel	21	1.5
0805-0247	0805-0247	HBV Worldwide Performance Panel	7	1.2
0805-0304	PHA107-1.5(M)	HBsAg Low Titer Performance Panel Modified	18	1.5
0810-0175	0810-0175	HCV Mixed Titer Antibody Performance Panel	16	1.2
0810-0192	0810-0192	HCV Low Titer Antibody Performance Panel	11	1.2

ToRCH

Material #	Reference #	Product Name	# Members	Fill Size (mL)
0815-0002	PTC203(M)	CMV Mixed Titer Performance Panel	18	1.2
0815-0003	PTH202-1.2	HSV-1/2 Mixed Titer Antibody Performance Panel	21	1.2
0815-0004	PTT202-1.2	Toxoplasma Mixed Titer Antibody Performance Panel	21	1.2
0820-0184	PTR201-00-0.5	Rubella Mixed Titer Antibody Performance Panel	25	0.5

EXOTIC/INSECT-BORNE DISEASES

Material #	Reference #	Product Name	# Members	Fill Size (mL)
0845-0074	0845-0074	Dengue Mixed Titer Antibody Performance Panel	21	1.2

OTHER DISEASES

Material #	Reference #	Product Name	# Members	Fill Size (mL)
0850-0024	PME202-1.2	EBV Mixed Titer Antibody Performance Panel	21	1.2
0820-0214	0820-0214	Syphilis Mixed Titer Performance Panel	20	1.2
0820-0192	0820-0192	HTLV I/II Mixed Titer Antibody Performance Panel	21	1.2
0820-0186	PVP201-1.2	Parvovirus B19 Mixed Titer Antibody Performance Panel	21	1.2

DISEASE STATE SPECIMENS

Disease state specimens are critical components to the successful development of diagnostic assays. SeraCare’s extensive inventory of naturally occurring, undiluted specimens is easily searchable and orderable online, helping you meet your timeline and validation requirements.

- Raw bulk plasma is collected from individual donors worldwide
- Extensively characterized on FDA-approved platforms and RUO assays to provide a detailed reactivity profile
- Positive, negative, and challenging specimens (confirmed low-positives) available in a variety of pre-packaged aliquots and full, bulk units
- Comprehensive documentation – donor demographics, collection information, and test results – with every batch
- Custom processing services available for bulk scale-up and manufacturing

For research use only, not for use in diagnostic procedures.

PLEASE NOTE: WHEN ORDERING, SPECIFY DESIRED FILL SIZE

DISEASE STATE SPECIMENS

Material	Product Name
0301-0002	HAV IgM Antibody Positive Plasma >2 S/CO
0301-0006	HAV IgM Antibody Positive Plasma >4 S/CO
0301-0010	HAV IgG/Total Antibody Positive Plasma >2 S/CO
0301-0014	HAV RNA Positive Plasma
0305-0018	HBc IgM Antibody Positive Plasma >4 S/CO
0305-0022	HBc IgM Antibody Positive Plasma >2 S/CO
0305-0026	HBc Total Antibody Positive, HBsAg Positive Plasma
0305-0030	HBc Total Antibody Positive, HBsAg Negative Plasma
0305-0034	HBe Antibody Positive Plasma
0305-0038	HBs Antibody Positive Plasma >2 S/CO
0305-0042	HBs Antibody Positive Plasma >20 mIU/mL
0305-0046	HBs Antibody Positive Plasma >200 mIU/mL
0305-0050	HBs Antibody Positive Plasma >1000 mIU/mL
0305-0054	HBeAg Positive Plasma >2 S/CO
0305-0058	HBsAg Positive Plasma
0305-0062	HBsAg Quantitative Positive Plasma
0305-0066	HBsAg Subtype AY Positive Plasma
0305-0070	HBsAg Subtype AD Positive Plasma
0305-0074	HBV DNA Positive Plasma
0305-0078	HBV Genotype A Positive Plasma
0305-0081	HBV Genotype B Positive Plasma
0305-0084	HBV Genotype C Positive Plasma
0305-0087	HBV Genotype D Positive Plasma
0305-0090	HBV Genotype E Positive Plasma
0305-0093	HBV Genotype F Positive Plasma

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Material	Product Name
0305-0096	HBV Genotype G Positive Plasma
0305-0099	HBV Genotype H Positive Plasma
0305-0102	HBV Genotype I Positive Plasma
0305-0105	HBV Genotype J Positive Plasma
0310-0020	HCV Antibody Positive Plasma
0310-0024	HCV Antibody Confirmed Positive Plasma
0310-0028	HCV Antigen Positive Plasma
0310-0031	HCV RNA Positive Plasma
0310-0034	HCV RNA Positive, HCV Antibody Positive Plasma
0310-0037	HCV RNA Positive, HCV Antibody Negative Plasma
0310-0040	HCV RNA Genotype 1 Positive Plasma
0310-0043	HCV RNA Genotype 1a Positive Plasma
0310-0046	HCV RNA Genotype 1b Positive Plasma
0310-0049	HCV RNA Genotype 2 Positive Plasma
0310-0052	HCV RNA Genotype 2a Positive Plasma
0310-0055	HCV RNA Genotype 2b Positive Plasma
0310-0058	HCV RNA Genotype 3 Positive Plasma
0310-0061	HCV RNA Genotype 4 Positive Plasma
0310-0064	HCV RNA Genotype 5 Positive Plasma
0310-0067	HCV RNA Genotype 6 Positive Plasma
0310-0070	HCV RNA EDTA Positive Plasma
0311-0002	HEV IgM Antibody Positive Plasma >2 S/CO
0311-0006	HEV IgM Antibody Positive Plasma >4 S/CO
0311-0010	HEV IgG Antibody Positive Plasma >2 S/CO
0311-0014	HEV IgG Antibody Positive Plasma >4 S/CO
0311-0018	HEV RNA Positive Plasma
0315-0020	HIV-1/2 Antibody Positive Plasma
0315-0024	HIV-1 Antibody Confirmed Positive Plasma
0315-0028	HIV-2 Antibody Confirmed Positive Plasma
0315-0031	HIV-2 Antibody Confirmed Positive, HIV-1 Antibody Negative Plasma
0315-0034	HIV-1 Antigen Positive Plasma
0315-0037	HIV-1 RNA Positive Plasma
0315-0040	HIV-1 RNA Positive, HIV-1/2 Antibody Positive Plasma
0315-0043	HIV-1 RNA Positive, HIV-1/2 Antibody Negative Plasma
0315-0046	HIV-1 Subtype A Positive Plasma
0315-0049	HIV-1 Subtype B Positive Plasma
0315-0052	HIV-1 Subtype C Positive Plasma
0315-0055	HIV-1 Subtype D Positive Plasma

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Material	Product Name
0315-0058	HIV-1 Subtype F Positive Plasma
0315-0061	HIV-1 Subtype K Positive Plasma
0315-0064	HIV-1 Subtype CRF01_AE Positive Plasma
0315-0067	HIV-1 Subtype CRF02_AG Positive Plasma
0315-0070	HIV-1 Subtype CRF03_AB Positive Plasma
0315-0073	HIV-1 Other Subtype Positive Plasma
0315-0076	HIV-1 Group O Positive Plasma
0315-0079	HIV-1 RNA EDTA Positive Plasma
0320-0004	Toxoplasma IgG Antibody Positive Plasma
0320-0008	Toxoplasma IgM Antibody Positive Plasma
0320-0012	ToRCH Negative Plasma
0320-0016	Cytomegalovirus IgG Antibody Positive Plasma
0320-0020	Cytomegalovirus IgM Antibody Positive Plasma
0320-0024	Rubella IgG Antibody Positive Plasma
0320-0028	Rubella IgM Antibody Positive Plasma
0320-0032	HSV-1 IgG Antibody Positive Plasma
0320-0036	HSV-1 IgM Antibody Positive Plasma
0320-0040	HSV-2 IgG Antibody Positive Plasma
0320-0044	HSV-2 IgM Antibody Positive Plasma
0325-0014	Dengue IgG Antibody Positive Plasma
0325-0018	Dengue IgM Antibody Positive Plasma
0325-0022	Dengue Antigen Positive Plasma
0325-0026	Dengue RNA Positive Plasma
0325-0029	HTLV-I Confirmed Antibody Positive Plasma
0325-0033	HTLV-II Confirmed Antibody Positive Plasma
0325-0037	HTLV-I/II Antibody Positive Plasma
0325-0041	Chagas Antibody Positive Plasma
0325-0045	Lyme Disease IgG Antibody Positive Plasma
0325-0049	Lyme Disease IgM Antibody Positive Plasma
0325-0053	Lyme Disease Total Antibody Positive Plasma
0325-0058	West Nile Virus IgM Antibody Positive Plasma
0325-0062	West Nile Virus IgG Antibody Positive Plasma
0325-0066	Chikungunya IgM Antibody Positive Plasma
0325-0070	Chikungunya IgG Antibody Positive Plasma
0340-0002	Anti-Mitochondrial Antibody (AMA) Positive Plasma
0340-0006	Antinuclear Antibody (ANA) Centromere Positive Plasma
0340-0010	Antinuclear Antibody (ANA) Homogeneous Positive Plasma
0340-0014	Antinuclear Antibody (ANA) Nucleolar Positive Plasma

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Material	Product Name
0340-0018	Antinuclear Antibody (ANA) Speckled Positive Plasma
0340-0022	Antinuclear Antibody (ANA) Other Pattern Positive Plasma
0340-0026	Cardiolipin IgG Antibody Positive Plasma
0340-0030	Double Stranded DNA (dsDNA) Antibody Positive Plasma
0340-0034	Gliadin IgA Antibody Positive Plasma
0340-0038	Gliadin IgG Antibody Positive Plasma
0340-0042	Jo-1 Antibody Positive Plasma
0340-0046	Rheumatoid Factor (RF) Antibody Positive Plasma <1000 IU/mL
0340-0050	Rheumatoid Factor (RF) Antibody Positive Plasma >5000 IU/mL
0340-0054	Rheumatoid Factor (RF) Antibody Positive Plasma 1001-2000 IU/mL
0340-0058	Rheumatoid Factor (RF) Antibody Positive Plasma 2001-4000 IU/mL
0340-0062	Rheumatoid Factor (RF) Antibody Positive Plasma 4001-5000 IU/mL
0340-0066	Ribonucleoprotein (RNP) Antibody Positive Plasma
0340-0070	Smith/Ribonucleoprotein (SM/RNP) Antibody Positive Plasma
0340-0074	SCL-70 Antibody Positive Plasma
0340-0078	Smith Antibody Positive Plasma
0340-0082	SSA Antibody Positive Plasma
0340-0086	SSB Antibody Positive Plasma
0340-0090	Thyroglobulin (TG) Antibody Positive Plasma
0340-0094	Thyroid Peroxidase Antibody (TPO) Positive Plasma
0340-0098	Ribosomal P Antibody Positive Plasma
0345-0004	Epstein-Barr Virus (EBV) VCA IgM Positive Plasma
0345-0008	Epstein-Barr Virus (EBV) VCA IgG Positive Plasma
0345-0012	Epstein-Barr Virus (EBV) Negative Plasma
0345-0016	Epstein-Barr Virus (EBV) EBNA IgM Antibody Positive Plasma
0345-0020	Epstein-Barr Virus (EBV) EBNA IgG Antibody Positive Plasma
0350-0003	Varicella Zoster Virus (VZV) IgM Antibody Positive Plasma
0350-0007	Varicella Zoster Virus (VZV) IgG Antibody Positive Plasma
0350-0011	Parvovirus IgM Antibody Positive Plasma
0350-0015	Parvovirus IgG Antibody Positive Plasma
0350-0019	Parvovirus DNA Positive Plasma
0350-0023	Mycoplasma IgM Antibody Positive Plasma
0350-0027	Mycoplasma IgG Antibody Positive Plasma
0350-0031	Chlamydia IgM Antibody Positive Plasma
0350-0035	Chlamydia IgG Antibody Positive Plasma
0350-0039	Chlamydia IgA Antibody Positive Plasma
0365-0003	Syphilis (<i>T. pallidum</i>) IgG Antibody Positive Plasma
0365-0007	Rapid Plasma Reagin (RPR) Positive Plasma
0365-0010	Syphilis (<i>T. pallidum</i>) IgM Antibody Positive Plasma

ACCUTYPE™ VIRAL ISOLATES AND PURIFIED RNA

SeraCare offers a robust collection of high-quality, well-characterized, high-titer, cultured virus isolates and purified RNA to develop, challenge, and validate your diagnostic assays.

- Broad portfolio of globally sourced HIV-1 and HIV-2 viral isolates includes group M and O genotypes
- High-titer material – typically greater than 1 x 10⁷ cp/mL
- Custom viral development services available (sourcing, design, treatment, packaging)

For research use only, not for use in diagnostic procedures.

HIV-1 VIRAL ISOLATES

Material #	Reference #	Product Name	Country of Origin	Isolate ID	Fill Size (mL)
0400-0001	500447	HIV-1 Genotype CRF02-AG	Djibouti	DJ258	1.0
0400-0002	500448	HIV-1 Genotype A	Uganda	UG273	1.0
0400-0003	500449	HIV-1 Genotype CRF02-AG	Djibouti	DG263	1.0
0400-0004	500450	HIV-1 Genotype A	Uganda	UG275	1.0
0400-0005	500451	HIV-1 Genotype CRF02-AG	Liberia	POC44951	1.0
0400-0006	500452	HIV-1 Genotype A	Ghana	I-2496	1.0
0400-0007	500453	HIV-1 Genotype B	Thailand	BK132	1.0
0400-0008	500454	HIV-1 Genotype B	USA	US2	1.0
0400-0009	500455	HIV-1 Genotype B	Brazil	BZ167	1.0
0400-0010	500456	HIV-1 Genotype B	USA	US4	1.0
0400-0011	500457	HIV-1 Genotype B	USA	93US144	1.0
0400-0012	500458	HIV-1 Genotype B	Thailand	CM237	1.0
0400-0013	500459	HIV-1 Genotype B	USA	US1	1.0
0400-0014	500460	HIV-1 Genotype B	USA	93US143	1.0
0400-0015	500461	HIV-1 Genotype B	USA	93US141	1.0
0400-0016	500462	HIV-1 Genotype B	USA	US3	1.0
0400-0017	500463	HIV-1 Genotype C	Ethiopia	ETH2220	1.0
0400-0018	500464	HIV-1 Genotype C	Senegal	ID SE364	1.0
0400-0019	500465	HIV-1 Genotype C	Somalia	SM145	1.0
0400-0020	500466	HIV-1 Genotype C	Djibouti	DJ259	1.0
0400-0021	500467	HIV-1 Genotype C	Uganda	UG268	1.0
0400-0022	500468	HIV-1 Genotype C	Zambia	ZAM18	1.0
0400-0023	500469	HIV-1 Genotype C	Unknown	I-2516	1.0
0400-0024	500470	HIV-1 Genotype D	Senegal	SE365	1.0
0400-0025	500471	HIV-1 Genotype D	Uganda	UG274	1.0
0400-0026	500472	HIV-1 Genotype D	Uganda	UG270	1.0
0400-0027	500473	HIV-1 Genotype CRF01-AE	Thailand	CM240	1.0
0400-0028	500474	HIV-1 Genotype CRF01-AE	Indonesia	ID12	1.0
0400-0029	500475	HIV-1 Genotype CRF01-AE	Thailand	CM235	1.0

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Material #	Reference #	Product Name	Country of Origin	Isolate ID	Fill Size (mL)
0400-0030	500476	HIV-1 Genotype CRF01-AE	Indonesia	ID17	1.0
0400-0031	500477	HIV-1 Genotype CRF01-AE	Thailand	NP1465	1.0
0400-0032	500478	HIV-1 Genotype CRF01-AE	Thailand	CM243D	1.0
0400-0033	500479	HIV-1 Genotype CRF01-AE	Thailand	42368	1.0
0400-0034	500480	HIV-1 Genotype CRF01-AE	Thailand	POC30506	1.0
0400-0035	500481	HIV-1 Genotype CRF01-AE	Thailand	NPO3	1.0
0400-0036	500482	HIV-1 Genotype CRF01-AE	Thailand	CM238	1.0
0400-0037	500483	HIV-1 Genotype F	Brazil	BZ163	1.0
0400-0038	500484	HIV-1 Genotype F	Brazil	BZ126	1.0
0400-0039	500485	HIV-1 Genotype F	Brazil	BZ162	1.0
0400-0040	500486	HIV-1 Genotype F	Romania	BCI-R07	1.0
0400-0041	500487	HIV-1 Genotype F	Romania	BCI-R08	1.0
0400-0042	500488	HIV-1 Genotype G	Zaire	BCF-DIOUM	1.0
0400-0043	500489	HIV-1 Genotype G	Kenya	HH8793	1.0
0400-0044	500490	HIV-1 Genotype H	Zaire	BCF-KITA	1.0
0400-0045	500491	HIV-1 Group O	Cameroon	BCF06	1.0
0400-0046	500492	HIV-1 Group O	Cameroon	BCF11	1.0
0400-0047	500493	HIV-1 Group O	USA	I-2478B	1.0
0400-0048	500494	HIV-1 Group O	Spain	I-2481	1.0
0400-0051	502193	HIV-1 Genotype A	Kyrgyzstan	9250622-01	1.0
0400-0052	502194	HIV-1 Genotype D	Germany	9250407-01	1.0
0400-0053	502195	HIV-1 Genotype D	Germany	9250408-01	1.0
0400-0094	502331	HIV-2 Subtype A	Africa	NIH-Z	1.0
0400-0095	502332	HIV-2 Subtype B	USA	Seattle	1.0

HIV-1 PURIFIED RNA

Material #	Reference #	Product Name	Country of Origin	Isolate ID	Fill Size (mL)
0400-0075	500404	HIV-1 Purified RNA Genotype A	Ghana	I-2496	1.0
0400-0076	500403	HIV-1 Purified RNA Genotype CRF02-AG	Liberia	POC44951	1.0
0400-0077	500405	HIV-1 Purified RNA Genotype B	Thailand	BK132	1.0
0400-0078	500411	HIV-1 Purified RNA Genotype B	USA	US1	1.0
0400-0079	500418	HIV-1 Purified RNA Genotype C	Djibouti	DJ259	1.0
0400-0080	500421	HIV-1 Purified RNA Genotype C	Unknown	I-2516	1.0
0400-0081	500423	HIV-1 Purified RNA Genotype D	Uganda	UG274	1.0
0400-0082	500422	HIV-1 Purified RNA Genotype D	Senegal	SE365	1.0
0400-0083	500431	HIV-1 Purified RNA Genotype CRF01-AE	Thailand	42368	1.0
0400-0084	500432	HIV-1 Purified RNA Genotype CRF01-AE	Thailand	POC30506	1.0
0400-0085	500436	HIV-1 Purified RNA Genotype F	Brazil	BZ126	1.0
0400-0086	500437	HIV-1 Purified RNA Genotype F	Brazil	BZ162	1.0
0400-0087	500440	HIV-1 Purified RNA Genotype G	Zaire	BCF-DIOUM	1.0
0400-0088	500441	HIV-1 Purified RNA Genotype G	Kenya	HH8793	1.0
0400-0089	500442	HIV-1 Purified RNA Genotype H	Zaire	BCF-KITA	1.0
0400-0090	500443	HIV-1 Purified RNA Group O	Cameroon	BCF06	1.0
0400-0091	500444	HIV-1 Purified RNA Group O	Cameroon	BCF11	1.0
0400-0092	500445	HIV-1 Purified RNA Group O	USA	I-2478B	1.0
0400-0093	500446	HIV-1 Purified RNA Group O	Spain	I-2481	1.0

OTHER VIRUSES

Material #	Reference #	Product Name	Isolate ID	Fill Size (mL)
0410-0002	0410-0002	WNV Lineage I	2001-6263	1.0
0410-0003	0410-0003	WNV Lineage II	956-99	1.0
0410-0004	0410-0004	EBV	B95-8	1.0

PLASMA AND SERUM DILUENTS/DERIVATIVES

SeraCare offers over 25 years of experience and innovation in the development of critical reagents for use as diluents in the design of test kit controls and calibrators, cell culture media supplement, blocking agents for ELISA methods, and excipient use in research products.

Our ability to optimize and customize crucial test kit reagents has supported the development and commercialization of over 50 currently available infectious disease IVD assays. We continue to address the needs of IVD developers and manufacturers with key components as testing evolves to support new methods targeting precision medicine applications. Accelerate your assay and product development with a trusted and experienced partner.

DILUENT REFERENCE GUIDE		Defibrinated	Dialyzed	Delipidated	Charcoal Stripped	0.2 µm Filtered	Serological EIA	Molecular PCR/NAT	Molecular-NGS
Ideal human blood based matrices for the formulation of controls and calibrators									
Product	Description	Characteristics					Applications		
Seracon I	Normal human plasma converted to serum	✓				✓	✓		
SeraCon II	Normal human plasma converted to serum, normalized to a typical serum physiological profile	✓	✓			✓	✓		
SeraCon II D	Normal human plasma converted to serum, further processed to lipid-poor state	✓	✓	✓		✓	✓		
SeraCon II CD	Normal human plasma converted to serum, further processed to lipid-poor and hormone-free	✓	✓	✓	✓	✓	✓		
Basematrix	Normal human plasma converted to serum, normalized to a typical serum physiological profile	✓	✓			✓	✓	✓	✓
Matribase	Formulated from normal human blood derived components					✓	✓	✓	✓
SeraCon - Vitamin D Depleted	Normal human plasma converted to serum, serum, vitamin D depleted	✓	✓		✓	✓	✓		
Pooled EDTA Plasma	Unprocessed normal human EDTA plasma, pooled					✓	✓	✓	✓
Pooled True Human Serum	Unprocessed normal human serum, pooled					✓	✓		

Definition of Terms:
Defibrinated: Removal of clotting factors to mimic a serum like state
Dialyzed: Adjustment to normal physiological serum profile via buffer exchange across membrane (retains large molecule proteins)
Delipidated: Removal of lipid components
Charcoal Stripped: Removal of hormones
0.2 µm Filtered: Final product filtration

HUMAN SERUM

SeraCare’s human serum is collected from normal, healthy donors in the United States at FDA-licensed facilities. Each donation has tested negative for viral markers HBsAg, anti-HIV1/2, anti-HCV, anti-HTLV1/II, anti-HBc, HIV-1 RNA, HCV RNA, and HBV DNA. Additionally, each donor has screened negative for syphilis. Human serum is available as a pooled product or individual serum units.

- Pooled human serum represents a normalized pool of serum donors (up to 40,000 unique donors represented per batch)
- Free of anticoagulants and preservatives
- Allows for comparison of matrices for optimal performance

For research use only, not for use in diagnostic procedures.

HUMAN SERUM

Material #	Reference #	Product Name	Fill Size
1830-0002	27000-100	Pooled Human Serum	100.0 mL
1830-0003	27000-1L	Pooled Human Serum	1.0 L
1830-0005	27000-D	Pooled Human Serum	3.0 L
1835-0005	HS-300	Human Serum, Off-the-Clot (Single Donor Units)	EA

HUMAN PLASMA

All human plasma products are collected from normal, healthy donors in the United States at FDA-licensed facilities. Each donation has tested negative for viral markers HBsAg, anti-HIV1/2, anti-HCV, anti HTLV1/II, anti-HBc, HIV-1 RNA, HCV RNA, and HBV DNA. Additionally, each donor has screened negative for syphilis. Plasma is available as pooled and filtered or individual plasma units.

- Access to various plasma types allows for comparison of matrices for optimal performance
- Custom processing options include removal of fibrinogen, lipids, and hormones; 0.2um filtration; and heat treatment
- Available anti-coagulants: K2/K3 EDTA, ACD, CPDA-1, 4% sodium citrate, lithium heparin, and sodium heparin

For research use only, not for use in diagnostic procedures

HUMAN PLASMA

Material #	Reference #	Product Name	Fill Size
0100-0009	HB-100	K2 EDTA Plasma	Full unit (180 - 340 mL)
0100-0030	HB-100	K3 EDTA Plasma	Full unit (180 - 340 mL)
0100-0011	HB-130	Heparinized Plasma	Full unit (180 - 340 mL)
0100-0013	HB-180	Human Plasmapheresis Plasma	Full unit (-700 mL)

SERACON™ AND BASEMATRIX PLASMA-DERIVED DILUENTS

Processed human plasma is a cost-effective, industry-proven, human-based diluent. SeraCon and Basematrix are suitable human blood-based matrices for use as negative diluent in serological, molecular, and next-generation sequencing-based assays. Choose from multiple custom processing options to fit your needs.

- Manufactured in a cGMP, FDA-registered, ISO 9001 and 13485-certified facility
- We can support the scale of your operations with lot sizes from 50-1,000 liters
- Custom pre-screening, aliquoting, and processing available for product optimization

SERACON AND BASEMATRIX PLASMA-DERIVED DILUENTS

Material #	Reference #	Product Name	Fill Size
1800-0009	21000-1L	SeraCon I Negative Diluent	1.0 L
1800-0052	21000	SeraCon I Negative Diluent	3.0 L
1800-0011	22000-100	SeraCon II Negative Diluent	100.0 mL
1800-0012	22000-1L	SeraCon II Negative Diluent	1.0 L
1800-0002	22000	SeraCon II Negative Diluent	3.0 L
1800-0016	22001-100	SeraCon II Lipid Depleted Negative Diluent	100.0 mL
1800-0017	22001-1L	SeraCon II Lipid Depleted Negative Diluent	1.0 L
1800-0003	22001	SeraCon II Lipid Depleted Negative Diluent	3.0 L
1800-0022	22009-S	SeraCon Matribase Negative Diluent	100 mL
1800-0005	22009	SeraCon Matribase Negative Diluent	1.0 L
1800-0026	22011-100	SeraCon II Hormone Depleted Negative Diluent	100.0 mL
1800-0027	22011-1L	SeraCon II Hormone Depleted Negative Diluent	1.0 L
1800-0006	22011	SeraCon II Hormone Depleted Negative Diluent	3.0 L
1800-0035	22011-P	SeraCon II Hormone Depleted Double-Stripped Negative Diluent	3.0 L
1800-0049	502079-100	SeraCon Vitamin D Depleted Negative Diluent	100.0 mL
1800-0050	502079-1L	SeraCon Vitamin D Depleted Negative Diluent	1.0 L
1800-0051	502079-3L	SeraCon Vitamin D Depleted Negative Diluent	3.0 L
1800-0057	1800-0057	SeraCon II Hormone Depleted Double-Stripped Negative Diluent	100.0 mL
1800-0058	1800-0058	SeraCon II Hormone Depleted Double-Stripped Negative Diluent	1.0 L
1800-0035	22011-P	SeraCon II Hormone Depleted Double-Stripped Negative Diluent	3.0 L
1805-0074	B001-0008	Basematrix Diluent	12 x 3.5 mL
1805-0075	501101	Basematrix Negative Diluent	1.0 L
1805-0076	501244	Basematrix Negative Diluent	50.0 mL

HUMAN SERUM ALBUMIN (HSA)

Suitable for use in IVD diagnostic reagents or cell culture applications, SeraCare's HSA is manufactured in a cGMP, FDA-registered, ISO 9001 and 13485-certified facility. HSA powders are diagnostic-grade, soluble, off-white, and of ultra-high purity. They are processed according to Cohn cold alcohol ethanol techniques from plasma collected in US-licensed or EU-accredited facilities.

- Manufactured from plasma that has tested negative for HBsAg, anti-HIV1/2, anti-HCV, anti-HTLV1/II, HIV-1 RNA, and HCV RNA by FDA-approved methods, and screened non-reactive for syphilis
- Available in a variety of concentrations (5%, 20%, 25%, and 30%) with a purity $\geq 96\%$ and bioburden ≤ 10 CFU/mL
- Materials can be custom-manufactured to meet your specifications

HSA

Material #	Reference #	Product Name	Fill Size
1850-0028	502021-100	Human Serum Albumin, Powder	100.0 g
1850-0026	502021-01	Human Serum Albumin, Powder	1.0 kg
1850-0027	502021-05	Human Serum Albumin, Powder	5.0 kg
1860-0037	HS-450-80	Human Serum Albumin Low B12/Low Folate, Powder	100.0 g
1850-0020	HS-450-01	Human Serum Albumin Low B12/Low Folate, Powder	1.0 kg
1860-0035	HS-450-05	Human Serum Albumin Low B12/Low Folate, Powder	5.0 kg
1860-0042	HS-455-80	Human Serum Albumin, Fatty Acid Free, Powder	100.0 g
1860-0039	HS-455-01	Human Serum Albumin, Fatty Acid Free, Powder	1.0 kg
1860-0040	HS-455-05	Human Serum Albumin, Fatty Acid Free, Powder	5.0 kg
1860-0016	HS-420-100	5% Human Serum Albumin Diagnostic Grade, Liquid	100.0 mL
1860-0017	HS-420-1L	5% Human Serum Albumin Diagnostic Grade, Liquid	1.0 L
1860-0020	HS-430-100	20% Human Serum Albumin Diagnostic Grade, Liquid	100.0 mL
1860-0021	HS-430-1L	20% Human Serum Albumin Diagnostic Grade, Liquid	1.0 L
1860-0025	HS-440-100	25% Human Serum Albumin Diagnostic Grade, Liquid	100.0 mL
1860-0026	HS-440-1L	25% Human Serum Albumin Diagnostic Grade, Liquid	1.0 L
1860-0030	HS-445-100	30% Human Serum Albumin Diagnostic Grade, Liquid	100.0 mL
1860-0028	HS-445	30% Human Serum Albumin Diagnostic Grade, Liquid	1.0 L
1880-0002	TSI-130.6	20% Human Serum Albumin Therapeutic Grade, Liquid	100.0 mL
1880-0004	TSI-160.6	25% Human Serum Albumin Therapeutic Grade, Liquid	50.0 mL
1880-0005	TSI-165.6	25% Human Serum Albumin Therapeutic Grade, Liquid	100.0 mL

HUMAN GAMMA GLOBULIN (HGG)

SeraCare's HGG products are isolated from pooled plasma collected at FDA-licensed facilities and tested using FDA-approved methods. They're well-suited for use as diluents in the design of IVD test kit controls and calibrators, or for use in research products.

- Features purity of $\geq 96\%$ and bioburden < 10 CFU/mL

For research use only, not for use in diagnostic procedures.

HGG

Material #	Reference #	Product Name	Fill Size
1860-0047	HS-470-80	Human Gamma Globulin, Powder	100.0 g
1860-0048	HS-470-90	Human Gamma Globulin, Powder	500.0 g
1875-0006	HS-475-100	5% Human Gamma Globulin Diagnostic Grade, Liquid	100.0 mL
1875-0007	HS-475-1000	5% Human Gamma Globulin Diagnostic Grade, Liquid	1.0 L

BOVINE SERUM ALBUMIN (BSA)

Available in standard and reagent grade, SeraCare's BSA products are used by assay developers and researchers for use as diluents in the design of serology test kit controls and calibrators; blocking agents for ELISA methods; or as culture media supplement for optimal cell proliferation. All of our BSA products are derived from bovine plasma collected at USDA-licensed facilities in the US. The animals received ante-mortem and post-mortem inspection under veterinary supervision and were passed as apparently free of infectious or contagious diseases and injurious parasites.

- High purity, low interference, low background ensures assay integrity, component stability, and cell culture suitability
- Reagent-grade BSA undergoes further processing to produce a highly purified powder (purity levels $\geq 98\%$)
- Products adhere to FDA's bulk pharmaceutical chemicals cGMP requirements

For research use only, not for use in diagnostic procedures.

BSA

Material #	Reference #	Product Name	Fill Size
1900-0007	AP-4500-80	Bovine Serum Albumin Standard Grade	100.0 g
1900-0002	AP-4500-01	Bovine Serum Albumin Standard Grade	1.0 kg
1900-0003	AP-4500-05	Bovine Serum Albumin Standard Grade	5.0 kg
1900-0004	AP-4500-10	Bovine Serum Albumin Standard Grade	10.0 kg
1900-0016	AP-4510-80	Bovine Serum Albumin Reagent Grade	100.0 g
1900-0011	AP-4510-01	Bovine Serum Albumin Reagent Grade	1.0 kg
1900-0012	AP-4510-05	Bovine Serum Albumin Reagent Grade	5.0 kg
1900-0013	AP-4510-10	Bovine Serum Albumin Reagent Grade	10.0 kg

CELL CULTURE REAGENTS

When you depend on animal-free media components that optimize cell growth, SeraCare has inventory in stock, ready to ship to support your cell culture media supplement needs.

MALE AB SERUM (PLASMA CONVERTED TO SERUM)

Our worldwide procurement enables us to provide a safe, reliable supply of male AB serum (plasma converted to serum), customizable to meet your requirements. This specialized product is ideal as cell culture media supplement for optimal cell proliferation.

- Manufactured in a cGMP, FDA-registered, and ISO 9001 and 13485-compliant facility
- Sterile filled
- Certified mycoplasma-negative and low endotoxin for use in cell culture applications
- Custom capabilities include dedicated large scale batches, specific processing (heat treatment), aliquoting, and packaging

For research use only, not for use in diagnostic procedures.

Material #	Reference #	Product Name	Fill Size (mL)
1810-0001	501973	Human Male AB Plasma	100.0

HUMAN SERUM ALBUMIN (HSA)

Suitable for cell culture applications or use in IVD diagnostic reagents, SeraCare's HSA is manufactured in a cGMP, FDA-registered, ISO 9001 and 13485-certified facility. HSA powders are diagnostic-grade, soluble, off-white, and of ultra-high purity. They are processed according to Cohn cold alcohol ethanol techniques from plasma collected in US-licensed or EU-accredited facilities.

- Manufactured from plasma that has tested negative for HBsAg, anti-HIV1/2, anti-HCV, anti-HTLV1/II, HIV-1 RNA, and HCV RNA by FDA-approved methods, and screened non-reactive for syphilis
- Available in a variety of concentrations (20%, 25%, and 30%) with a purity $\geq 96\%$ and bioburden ≤ 100 CFU/mL
- Materials can be custom-manufactured to meet your specifications

For research use only, not for use in diagnostic procedures.

HSA

Material #	Reference #	Product Name	Fill Size
1850-0028	502021-100	Human Serum Albumin, Powder	100.0 g
1850-0026	502021-01	Human Serum Albumin, Powder	1.0 kg
1850-0027	502021-05	Human Serum Albumin, Powder	5.0 kg
1860-0042	HS-455-80	Human Serum Albumin, Fatty Acid Free, Powder	100.0 g
1860-0039	HS-455-01	Human Serum Albumin, Fatty Acid Free, Powder	1.0 kg
1860-0040	HS-455-05	Human Serum Albumin, Fatty Acid Free, Powder	5.0 kg
1860-0020	HS-430-100	20% Human Serum Albumin Diagnostic Grade, Liquid	100.0 mL
1860-0021	HS-430-1L	20% Human Serum Albumin Diagnostic Grade, Liquid	1.0 L
1860-0025	HS-440-100	25% Human Serum Albumin Diagnostic Grade, Liquid	100.0 mL
1860-0026	HS-440-1L	25% Human Serum Albumin Diagnostic Grade, Liquid	1.0 L
1860-0028	HS-445	30% Human Serum Albumin Diagnostic Grade, Liquid	1.0 L
1860-0030	HS-445-100	30% Human Serum Albumin Diagnostic Grade, Liquid	100.0 mL

CUSTOM DEVELOPMENT SERVICES

Though we provide some of the highest-quality off-the-shelf products in the industry, we're more than just another vendor. We have over 25 years of experience partnering with leading diagnostics manufacturers, clinical laboratories, and life science researchers, developing custom solutions to accelerate their R&D and manufacturing efforts.

Prospective Collections

Spend your time developing your assay and leverage SeraCare's experience and global collection network to source specimens tailored to your requirements. Our internal sourcing team will perform proper site recruitment and monitoring of your project.

- Multiple sample formats, transport, and collection methods
- Customized data collection and reporting
- IRB specimen protocols and consent forms
- HIPAA-compliant – donor privacy assured

Bulk Processing Services

Whether you are in the early research phase or need a tier 1 supplier for mass production, SeraCare has the expertise, quality, and capacity to support your organization's needs. We deliver customized materials at quantity, built to your exacting specifications, and will seamlessly integrate with your manufacturing operations.

Proficiency Panel Design

Many of the world's most respected laboratory accreditation bodies trust SeraCare to design and supply their proficiency panels. Leverage our expertise to develop a custom proficiency panel solution to meet your needs and the requirements of your end-users.

Control and Panel Development

SeraCare has more than 25 years of experience developing custom diagnostics solutions to meet the unique needs of our clients. We focus on one thing – delivering the tools you need to build industry-leading assays.

Custom Antibodies and Reagents

SeraCare's portfolio of over 500 KPL immunoassay reagents and kits provide exceptional performance and consistent quality in ELISA, blotting, and immunohistochemistry applications. With industry-leading immunodiagnostic manufacturing skills and a well-established reputation for custom development, we are a preferred and trusted supplier to in vitro diagnostic, biopharmaceutical, biotech, and food pathogen test manufacturers around the world.

Our reagents are integral components of commercially available human and animal in vitro diagnostic kits, in-process testing protocols, and high-throughput screening applications. Whether you need material provided in bulk or in packaging that is ready to insert into your kit, SeraCare can deliver the following custom products and services to meet your specific needs:

- Affinity-purified antibodies
- Antibody conjugates
- Antibodies to bacteria
- Substrates for ELISA, blotting and IHC applications
- Immunology support reagents (blockers, wash solutions, stabilizers, and more)
- Large scale production and packaging options
- Protein purification and conjugation

ABOUT SERACARE

TRUSTED SUPPLIER TO THE DIAGNOSTIC
TESTING INDUSTRY FOR OVER 30 YEARS.

HIGH-QUALITY CONTROL PRODUCTS,
RAW BIOLOGICAL MATERIALS, AND
IMMUNOASSAY REAGENTS.

INNOVATIVE TOOLS AND TECHNOLOGIES
TO PROVIDE ASSURANCE IN DIAGNOSTIC
ASSAY PERFORMANCE AND TEST RESULTS.

FOR MORE INFORMATION, PLEASE VISIT
OUR WEBSITE:
WWW.SERACARE.COM.



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